

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: Examiner:

3729

PATENT CT00-020

Applicants: Application No.:
Date Filed:

Fu et al. 09/712749

November 14, 2000

LOW PROFILE INTEGRATED MODULE INTERCONNECTS AND METHOD OF FABRICATION

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	WA	SHINGTON, D.C. 20231, ON:_		ate of Deposit	
		1	MOTOROLA INC.	-	
		3 Sharring	Name of Assignee	12-12-02	
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SIR:					
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I.	COPIES a.⊠ b.□	A legible copy of (i) each caused it to be listed; and included herewith. Any patents, publication enclosed herewith were	l (iii) all other inform s or other information previously cited by o	patents; (ii) each publication of ation or that portion which can be which are listed on PTO/S or submitted to the PTO in earlier filing date under 35 U.S	SB/08 which are not one of the following
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II.	CONCI a. ⊠ b. □ c. □	information are in the Eng A concise explanation of is not in the English langu	ted below in (b) of the glish language (concise the relevance of all plage is as follows:	heck at least one box) his section, all of the patents, e explanation not required). hatents, publications or other in ed for the Examiner's consider	nformation listed that
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FEES

(V. 🔲	THIS II	OS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
	a. 🔲	within three months of the filing date of a national application other than a continued prosecution
		application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
	b .□	within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
	c. 🔲	before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or
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	d.	before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
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		7 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R.
	§1.97(c)	
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		fore payment of the issue fee and is accompanied by the following:
	1) 2)	a statement under 37 C.F.R. §1.97(e) as provided below; and charge deposit account 502117 the petition fee set forth in §1.17(p).
	2)	charge deposit account 302117 the petition ree set forth in §1.17(p).
VII. 🛛		MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
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	a.⊠ 	each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS;
	b.□	or no item of information contained in the IDS was cited in a communication from a foreign Patent
	0	Office in a counterpart foreign application, and to knowledge of the person signing the statement
•		after making reasonable inquiry, no item of information contained in the IDS was known to any
		individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this
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	с. <u></u>	some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information
		contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart
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		inquiry, no item of information contained in the IDS was known to any individual designated in 37
		C.F.R. 1.56(c) more than three months prior to the filing of this statement.
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V 111.		A check in the amount of is enclosed for the above-identified fee(s).
		Please charge Deposit Account No. 502117 in the amount of \$180.00 for the above-indicated
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	П	Two Copies of this:paper are attached for Deposit Account charges and debits.
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It is Applicant(s)' opinion that the claims presently on file patently distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 502117

Respectfully submitted,

Fu et al.

William E. Koch

Attorney for Applicant(s) Reg. No. 29,659

Tel. 602-952-3486

MOTOROLA, INC. Customer Number 23330

Enclosures:

PTO/SB/08

References

Foreign Search Report

Other:



Please type a plus sign (+) Substitute for form 1449A/PTO Complete if Known **Application Number** 09/712749 INFORMATION DISCLOSURE Filing Date November 14, 2000 Fu et al. STATEMENT BY APPLICANT First Named Inventor Group Art Unit 3729 Examiner Name (use as many sheets as necessary) CT00-020 Attorney Docket Number Sheet of

		U. S. PATENT DOCUMENTS	}	-	
Cite No.	U.S. Patent Document Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
1	4790894	Homma et al.	12/13/88		
2	5235496	Chomette et al.	8/10/93		
3	4635093	Ross	1/6/87		
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	1 2	Number Kind Code ² (if known) 1 4790894 2 5235496	Cite No. U.S. Patent Document Name of Patentee or Applicant of Cited Document	Number Kind Code ² of Cited Document Cited Document MM-DD-YYYY 4790894 Homma et al. 12/13/88 2 5235496 Chomette et al. 8/10/93 3 4635093 Ross 1/6/87 4	

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Examiner Initials*	Cite No.	Office ³	Foreign Patent Document Number ⁴ Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
	4	EP	0582881A1	Murata Manufacturing Co.	2/16/94		
	5	EP	0933816A2	Taiyo Yuden Co.	8/4/99		
	6	EP	0997941A2	Ngk Spark Plug Co.	5/3/00		
	7	EP	1050906A1	Murata Manufacturing Co.	11/8/00		
	8	wo	00/19532	Conexant Systems Inc.	4/6/00		
	9	WO	99/41957	Merrimac Industries, Inc.	8/19/99		
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¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.